

LIST OF PUBLICATIONS AND PAPERS PRESENTED

Articles published in ISI-cited journals:

- Sim, L.N., Majid, S.R., Arof, A.K., Effects of 1-butyl-3-methyl imidazolium trifluoromethanesulfonate ionic liquid in poly(ethyl methacrylate)/poly(vinylidene fluoride-co-hexafluoropropylene) blend based polymer electrolyte system, *Electrochimica Acta* 123 (2014) 190–197.
- Sim, L.N., Majid, S.R., Arof, A.K., FTIR studies of PEMA/PVdF-HFP blend polymer electrolyte system incorporated with LiCF_3SO_3 salt, *Vibrational Spectroscopy* 58 (2012) 57–66.
- Sim, L.N., Majid, S.R., Arof, A.K., Characteristics of PEMA/PVdF-HFP blend polymeric gel films incorporated with lithium triflate salt in electrochromic device, *Solid State Ionics* 209–210 (2012) 15–23.
- Arof, A.K., Jun, H.K., Sim, L.N., Kufian, M.Z., Sahraoui, B., Gel polymer electrolyte based on LiBOB and PAN for the application in dye-sensitized solar cells, *Optical Materials* 36 (2013) 135–139.
- Yap, K.S., Teo, L.P., Sim, L.N., Majid, S.R., Arof, A.K., Investigation on dielectric relaxation of PMMA-grafted natural rubber incorporated with LiCF_3SO_3 , *Physica B: Condensed Matter* 407 (2012) 2421–2428.
- Yap, K.S., Teo, L.P., Sim, L.N., Majid, S.R., Arof, A.K., Plasticized polymer electrolytes based on PMMA grafted natural rubber- LiCF_3SO_3 -PEG200, *Materials Research Innovations* 15 (2011) 34–38.

Papers presented:

- Sim, L.N., Majid, S.R., Arof, A.K., FTIR studies of the interactions between carbonate-based plasticizers with PEMA/PVdF-HFP-LiTf polymer electrolytes, 4th International Conference on Functional Materials and Devices (ICFMD), Penang, Malaysia, 8–11 April 2013.
- Sim, L.N., Majid, S.R., Arof, A.K., Effects of BmImTf ionic liquid in PEMA/PVdF-HFP blend based polymer electrolyte system, XIII International Conference on Polymer Electrolytes, 26 – 31 August 2012, Selfoss, Iceland.
- Sim, L.N., Majid, S.R., Arof, A.K., FTIR studies of PEMA/PVdF-HFP blend polymer electrolyte system doped with LiCF_3SO_3 salt, 3rd International Conference on Functional Materials and Devices (ICFMD), Kuala Terengganu, Malaysia, 14–17 June 2010.